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**UNITED STATES ENVIRONMENT PROTECTION AGENCY
REGION 5
EMERGENCY RESPONSE BRANCH
POLLUTION REPORT**

Date: December 3, 1999

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Subject: South Central Terminal, OPA Oil Spill Response Action,
 Pana, Christian County, Illinois
 Latitude: N 39° 22' 24.6" Longitude: W 89° 04' 57.2"

POLREP No.: 7

Reporting Period: 11/29 - 12/03/1999

Start Date: August 25, 1999

Completion Date:

NPL Status: Non-NPL

FPN: N99269;

Response Authority: OPA

USEPA Site ID No.: Z5AX

Task Order No.: 41

I. SITUATION:

- A. Oil spill response activities resumed 11/29, when ERRS mobilized to site after the holiday break. Additional funding is pending for the continuation of the project. under OPA. The IAG approval by USCG for project funding under OPA was received in late October 1999. On-site water treatment is completed. ERRS began excavating the oil contaminated soil from the secondary containment structures surrounding tanks 118, 117, 37, and 19. T&D has begun of the solidified material from the pond near the water treatment area. As of 12/2/99, over 900 tons oil contaminated soil were sent for disposal.
- B. Weather: sunny and colder. Temperatures have ranged from the upper 20's °F in the morning to the middle 50's °F by the afternoon. It has not rained since August, so the site

is very dry. Watering site roads for dust control. Security service patrolling grounds during non-working hours. The site has remained secure after hours.

II. ACTIONS TAKEN:

- A. Consolidation of oil and water from tanks, process piping, and the surface impoundments, resumed 11/29. Additional funding of \$275,000 was received on 12/2/99, to complete the oil spill response actions thru the Christmas holiday. Additional \$70,000, received 11/10 to continue the cleanup through the Thanksgiving holiday. IAG paperwork and transfer of funds from the USCG to EPA has not yet been completed. Region 5 Grants Program and Finance Branch are slow in processing the necessary paperwork.
- B. Disposal for the material in Tank 90 is presently being arranged. Several disposal facilities collected samples this week for characterization and acceptance. Disposal companies requested to provide pricing are those with heated tank trucks for trans to their facility. Other options being considered are on-site use as a fuel for a portable industrial boiler.
- C. On 11/30, drums and small containers containing oil sludge and other combustible wastes were consolidated with the surface impoundment sludge being solidified for disposal.
- D. Began solidification of surface impoundment sludge 11/11. Disposal analysis of samples collected from this waste stream on 11/15, were received 11/29. Results indicate only heavy hydrocarbon material. No metals or PCBs were detected at RCRA waste concentrations. The surface impoundment solidification continued on 11/29 and was completed on 12/2. Began T&D of the solidified material 11/30.
- E. T&D of non-hazardous solidified oil sludge/soil continued on 11/30. A total of 59 truckloads, 1,436 tons of material was shipped to Chem Waste's landfill in Taylorville, IL, through 12/2/99.
- F. On 11/29 and 12/1, ERRS mobilized an excavator with a larger shear, and additional excavator with bucket, and a track loader to begin opening the seven large tanks for ADM sludge removal. The sludge is to be consolidated with the ADM contaminated soil to be excavated from the area surrounding these tanks.
- G. Began demolishing Tank 19 on 11/30. EQM began excavating around Tank 117 at a depth of 2-feet and 15-feet away from the heavy impacted hydrocarbon soil from four tank farm areas. This contaminated soil to be stockpiled with the oil sludge soil waste stream for USEPA T&D.

III. PLANS

- A. Continue collection and consolidation of residual oil and water from on-site tanks and process piping.
- B. Continue T & D of the solidified sludge from surface impoundment.
- C. Solidify thick sludge from Tank 302, and add to oil sludge/soil waste stream.
- D. Continue to evaluate disposal options for Tank 90. Contents is very viscous. Options being considered are on-site use for energy recovery (boiler), solidification and land

filling, or transport off-site in insulated tank truck to be burned for energy recovery. There is approximately 180,000 gallons of viscous material for disposal.

- E. Continue excavating heavily impacted hydrocarbon soil from four ADM tank farm areas and consolidate with oil sludge/soil waste stream.

IV KEY ISSUES:

- A. Additional OPA funding has been provided by the Region's general oil spill account. On October 28th the ERRS contractor Task Order was increased \$50,000, on November 11th, for \$70,000, and again on December 2nd for an additional \$275,000 to complete the project, which includes T & D. This brings the current cleanup contractor ceiling to \$570,000. The IAG was approved by the USCG by October 15th, and sent to the Region for processing. The process for allocating and distributing the funding within the Region is inefficient and will result in the project begin completed before the funding is available.

V. COSTS:

- A. Case open.
B. Costs as of 12/3/1999:

	<u>Budgeted</u>	<u>Total To Date</u>	<u>Remaining</u>
ERRS	\$570,000. ¹	\$281,570	\$13,430
U.S. EPA	\$87,600	\$16,432	\$71,768
START	<u>\$60,000</u>	<u>\$10,467</u>	<u>\$49,533</u>
Total	\$442,600	\$307,069	\$135,531

1. Amount requested from USCG in IAG is \$600,000. Current Task Order ceiling is \$570,000.

VI. DISPOSITION OF WASTES

- A. As of 12/2/99, a total of 1,439 tons of non-hazardous solidified oil sludge and soil has been shipped to Chemical Waste management's Five Oaks landfill in Taylorville, IL.
B. Shipped 18,300 gallons of viscous oil to Liquid Waste Removal, Greenwood, IN, for fuels blending.

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